11-5965-283-15

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

Operator, Organizational, DS, GS, and Depot Maintenance Manual

HEADSET-MICROPHONE H-182/PT

Headquarters, Department of the Army, Washington, D.C.
4 March 1968

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CHAPTER 1
INTRODUCTION

1-1. Scope

a. This manual describes Headset-Microphone H-182 PT and covers equipment installation, operation, functioning, and maintenance. Appendix A contains a list of publications applicable to this manual. Appendix B contains the list of major components required for initial operation. Appendix C contains the assignment of maintenance functions and repair operations to be performed at the appropriate maintenance levels.

b. Appendixes B and C are current as of 17 January 1968.

1-2. Indexes of Equipment Publications

a. DA Pam 310-4. Refer to DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. DA PAM 310-7. Refer to DA Pam 310-7 to determine whether there are modification work orders (MWOs) pertaining to the equipment.

1-3. Forms and Records

a. Reports of Maintenance and Unsatisfactory Equipment. Use equipment forms and records in accordance with instructions given in TM 38-750.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (Report of Packaging and Handling Deficiencies) as prescribed in AR 700-58 (Army), NAVSUP Publication 378 (Navy), AFR 71-4 (Air Force), and MCO P4610-5 (Marine Corps).

c. Discrepancy in Shipment Report (DISREP) (SF361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF361) as prescribed in AR 55-38 (Army), NAVSUP Pub 459 (Navy), AFM 75-34 (Air Force), and MCO P4610.19 (Marine Corps).

d. Reporting of Equipment Manual Improvements. Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to DA Publications) and forwarded direct to Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-ME-NMP-AD, Fort Monmouth, N.J., 07703.

1-4. Purpose and Use

(fig. 1-1)

The H-182 PT is a lightweight headset-microphone used with Telephone Set TA-312 PT and Manual Telephone Switchboard SB-22A PT to continuously monitor telephone or radio signal transmissions. The earphone portion of the H-182 PT is thin enough to slip under Combat Helmet M1.

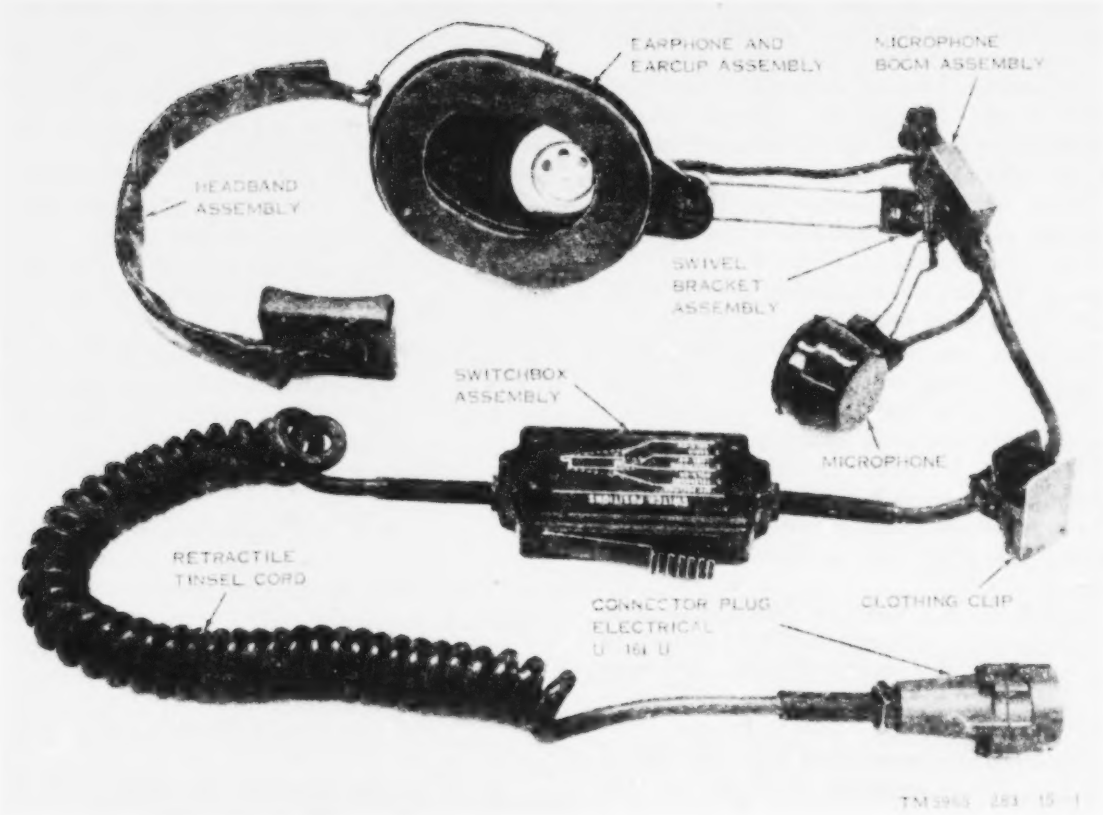


Figure 1-1. Headset-Microphone H-182/PT.

1-5. Technical Characteristics

Frequency response	800 to 4,000 cps.
Microphone impedance	15 ohms.
Microphone dc resistance	35 ohms.
Earphone impedance	150 ohms.
Output level	46 db above 1 milli-watt.

1-6. Description

Headset-Microphone H-182/PT is comprised of the assemblies described in *a* through *e* below.

a. Earphone and Earcup Assembly. The earphone and earcup assembly consists of Receiver Element TA-235/PT, a high-impact plastic earcup, a two-conductor terminal block and cover plate, and a soft-rubber ear cushion.

b. Boom Microphone Assembly. The boom microphone assembly consists of a high-impact plastic boom case containing a carbon microphone element, a ball and socket device, a wire loop, and a swivel bracket assembly.

c. Switchbox Assembly. The switchbox assembly consists of a high-impact plastic case housing, a push-to-talk lever and bar-actuated switch, a cover assembly, and a clothing clip.

d. Headband Assembly. The adjustable, flexible, headband assembly consists of a tubular, plastic-covered headband, a fold-away earphone adjusting assembly, and a cushion adjusting assembly.

e. Cord Assembly. The cord assembly consists of a two-conductor straight cord with solderless connectors, a four-conductor straight cord with stay cords and solderless connectors, and a seven-conductor retractile tinsel cord with stay cords and solderless connectors on one end and a Connector Plug, Electrical U-161/U on the other end.

1-7. Installation and Operating Instructions

(fig. 1-1 and 1-2)

a. Headset Installation.

(1) Extend the fold-away earphone adjusting assembly and cushion adjusting assembly to their outward limits.

(2) Place the headband assembly on the head.

(3) Hold the earphone and earcup assembly (para 1-6*a*) in place over the ear and press down on the crown of the headband to slide the headband assembly smoothly into position.

(4) Position the cushion adjusting assembly for the maximum degree of comfort.

(5) Readjust both assemblies ((3) and (4) above) for maximum comfort.

(6) Loosen the tension nut on the swivel bracket assembly (para 1-6*b*).

(7) Adjust the microphone boom assembly so that the microphone is approximately one-half inch from the lips.

(8) Tighten the tension nut ((6) above) on the swivel bracket assembly.

(9) Insert Connector Plug, Electrical U-161/U into the proper receptacle on the equipment and slowly rotate the connector clockwise with a steady forward pressure.

(10) When the guide pins of the connector ((9) above) are in the proper grooves, the connector will move forward and seat itself.

(11) Twist the knurled portion of the connector to the right and pull sharply to set the connector.

b. Operating Procedures. The four positions of the H-182/PT push-to-talk lever and bar-actuated switch are illustrated in figure 1-2 and are described in (1) through (4) below.

(1) *Monitoring telephone or radio transmission (position No. 1).*

(a) Operate the appropriate switching mechanism on the associated (external) equipment to energize the incoming telephone or radio circuit transmission.

(b) Disengage the switchbox locking mechanism (if previously locked) by sliding the push-to-talk lever downward.

(c) Release the push-to-talk lever to position No. 1.

(2) *Monitoring telephone transmissions (position No. 2).*

(a) Operate the appropriate switching mechanism on the associated (external) equipment to energize the outgoing telephone circuit.

(b) Squeeze the push-to-talk lever so that it is depressed against the bar-actuated switch.

Caution: **Do not apply pressure with a force great enough to engage the bar-actuated switch.**

(c) Hold the push-to-talk lever in the depressed position ((*b*) above) throughout the transmission.

(3) *Continuous telephone transmission (position No. 3).*

(a) Operate the appropriate switching mechanism on the associated (external) equipment to energize the outgoing telephone circuit.

(b) Squeeze the push-to-talk lever so that it is depressed against the bar-actuated switch.

Caution: **Do not apply pressure with a force great enough to engage the bar-actuated switch.**

(c) Engage the switchbox locking mechanism by sliding the push-to-talk lever upward; this will lock the push-to-talk lever against the bar-actuated switch.

(4) *Momentary radio transmission (position No. 4).*

(a) Operate the appropriate switching mechanism on the associated (external) equipment to energize the outgoing radio circuit.

(b) Disengage the switchbox locking mechanism (if previously locked) by sliding the push-to-talk lever downward.

(c) Squeeze the push-to-talk lever so that it is depressed against the bar-actuated switch.

(d) Continue to apply pressure ((*c*) above) with enough force to depress the bar-actuated switch to its inward limit.

(e) Hold the push-to-talk lever and bar-actuated switch in this position ((*d*) above) throughout the radio transmission.

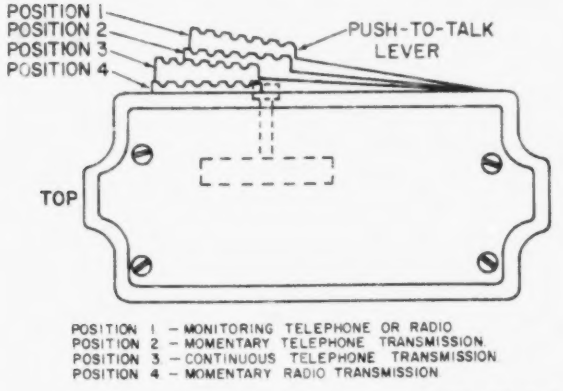


Figure 1-2. Headset Microphone H-182/PT, push-to-talk lever and bar-actuated switch positions.

CHAPTER 2
MAINTENANCE INSTRUCTIONS

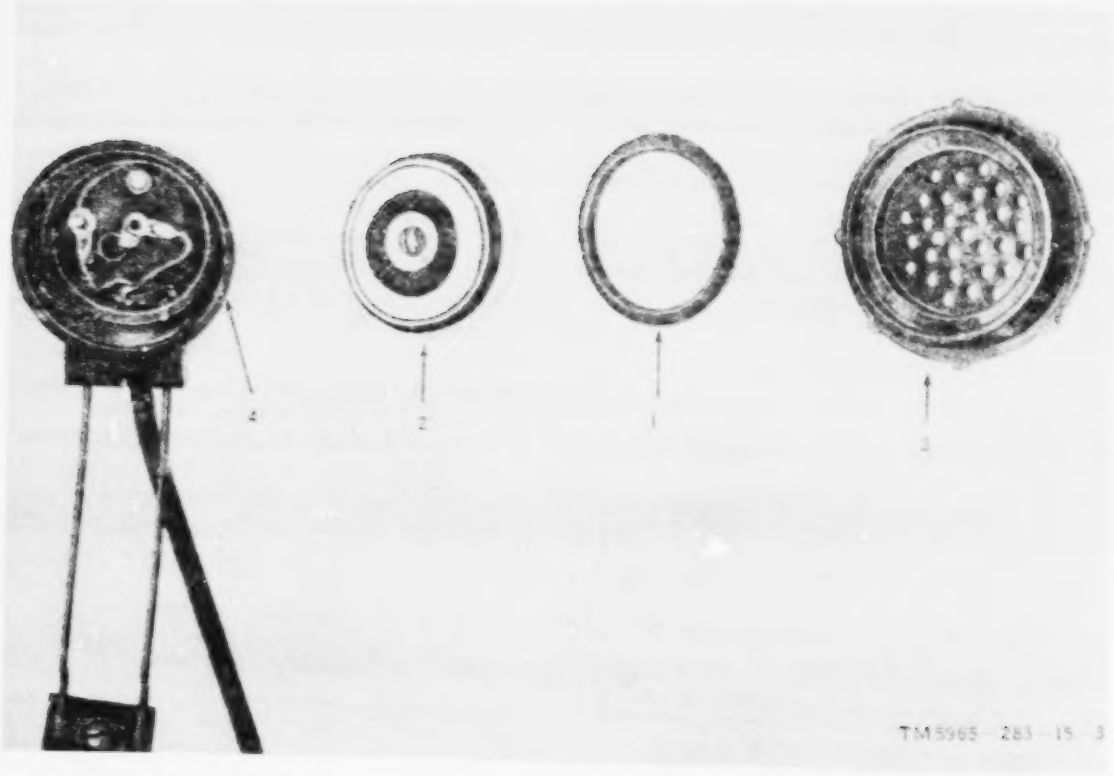
2-1. Operator's Maintenance

Operator's maintenance of Headset-Microphone H-182/PT consists primarily of preventive maintenance. Refer to the preventive maintenance procedures for the external equipment with which the H-182/PT is used.

2-2. Organizational Maintenance

Organizational maintenance of Headset-Microphone H-182/PT consists of replacing the microphone and earphone elements, shields, packing, O-ring, and covers. The microphone and earphone elements can be checked by substitution and no tools are required for replacing these parts.

Caution: **When cleaning the receiver-transmitter earcup and the microphone mouthpiece, *do not* insert sharp tools into the holes.**



1 O-ring
2 Microphone element
3 Microphone mouthpiece
4 Microphone case

Figure 2-1. Microphone, exploded view.

2-3. Removal of Microphone Element

(fig. 2-1)

a. Remove the microphone mouthpiece (3) by turning it counterclockwise.

b. Remove the microphone element (1) from the microphone case and remove the O-ring (2) from the microphone element.

2-4. Replacement of Microphone Element

(fig. 2-1)

a. Replace the preformed packing over the microphone element.

b. Place the microphone element (1) in the microphone case.

c. Replace the microphone mouthpiece (3) and tighten it by turning it clockwise.

1 Cushion with filler
2 Screws
3 Retainer plate
4 Earphone element
5 Cradle
6 Earphone cup assembly
7 Earphone mounting screws
8 Earphone cover
9 Earcup mounting screw
10 Terminal screws
11 Cord
12 Pad, headband
13 Swivel assembly
14 Guide boom assembly
15 Gasket
16 Packing, preformed
17 Breather
18 Pivot, retaining ring and pivot plate

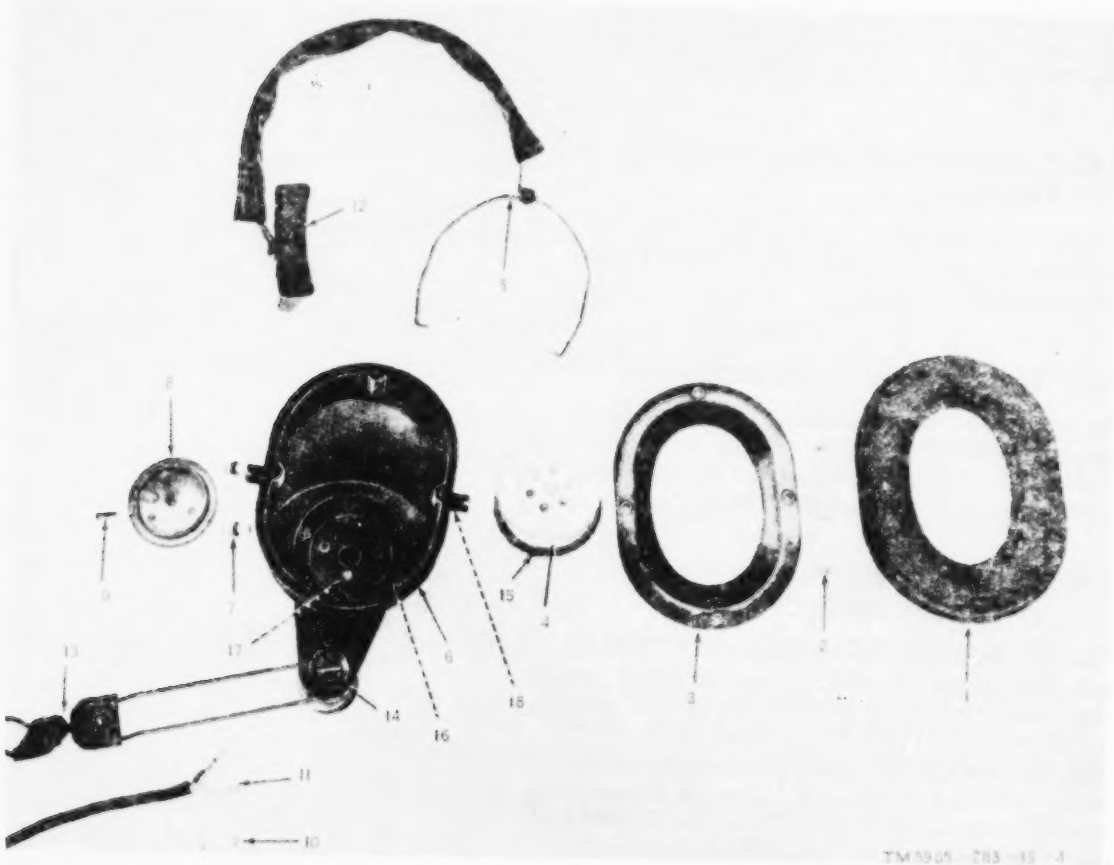


Figure 2-2. Earphone assembly, exploded view.

2-5. Removal of Earphone Element

(fig. 2-2)

a. Pull out one side of the cradle (5) from the earphone cup assembly (6).

b. Slide the cradle off the earphone cup assembly.

c. Lift off one part of the cushion (1) from the retainer plate (3).

d. Peel the cushion from the earcup assembly.

e. Remove the four screws (2) until the retainer place (3) is free from the earphone cup assembly (6).

f. Remove the earcup mounting screw (9) and remove the earcup cover (8).

g. Unscrew the two terminals screws (10) and gently remove the terminals from the cord (11).

h. Remove the two earphone mounting screws (7) with their O-rings from the earphone cup assembly (6).

i. Hold the earcup in one hand and tap gently but firmly against the palm of the other hand until the earphone element (4) falls free.

2-6. Replacement of Earphone Element

Reverse the disassembly procedures described in paragraph 2-5 to replace the H-182/PT earphone element.

2-7. Direct Support Maintenance

Direct support maintenance of Headset-Microphone H 182/PT consists primarily of troubleshooting and replacing the switch, cord assembly, and Connector Plug, Electrical U-161/U.

2-8. Direct Support Troubleshooting

Tool Kit, Radio and Radar Repairman TK-87/U and Multimeter TS-352B/U are required for troubleshooting the H-182/PT. The switch, cord assembly, and Connector Plug, Electrical U-161/U may be checked by continuity measurements made with the TS-352B/U. The performance characteristics of the H-182/PT may be observed with Telephone Test Set AN/PTM-6; refer to the schematic diagram of the equipment shown in figure 2-4.

2-9. Removal of Switch

(fig. 2-3)

a. Remove the four mounting screws (1) from the switch cover (2).

b. Lift off the switch cover (2) and remove the preformed packing (3) from the switch case (7).

c. Remove the switch plunger (8), screw (9), washer (10), screws (11), spring (13), and washers (13) from the switch case (7).

d. Disengage the wires from the switch (14) and remove the switch from the case.

e. Loosen the bushing (4) and remove the seal (5) and washer (6) from the switch case (7).

f. Gently pull the wires from the switch case.

1 Mounting screws
2 Switch cover
3 Preformed packing
4 Bushing
5 Seal
6 Washer
7 Switch case
8 Switch plunger
9 Screw
10 Washer
11 Screw
12 Spring
13 Washer
14 Switch

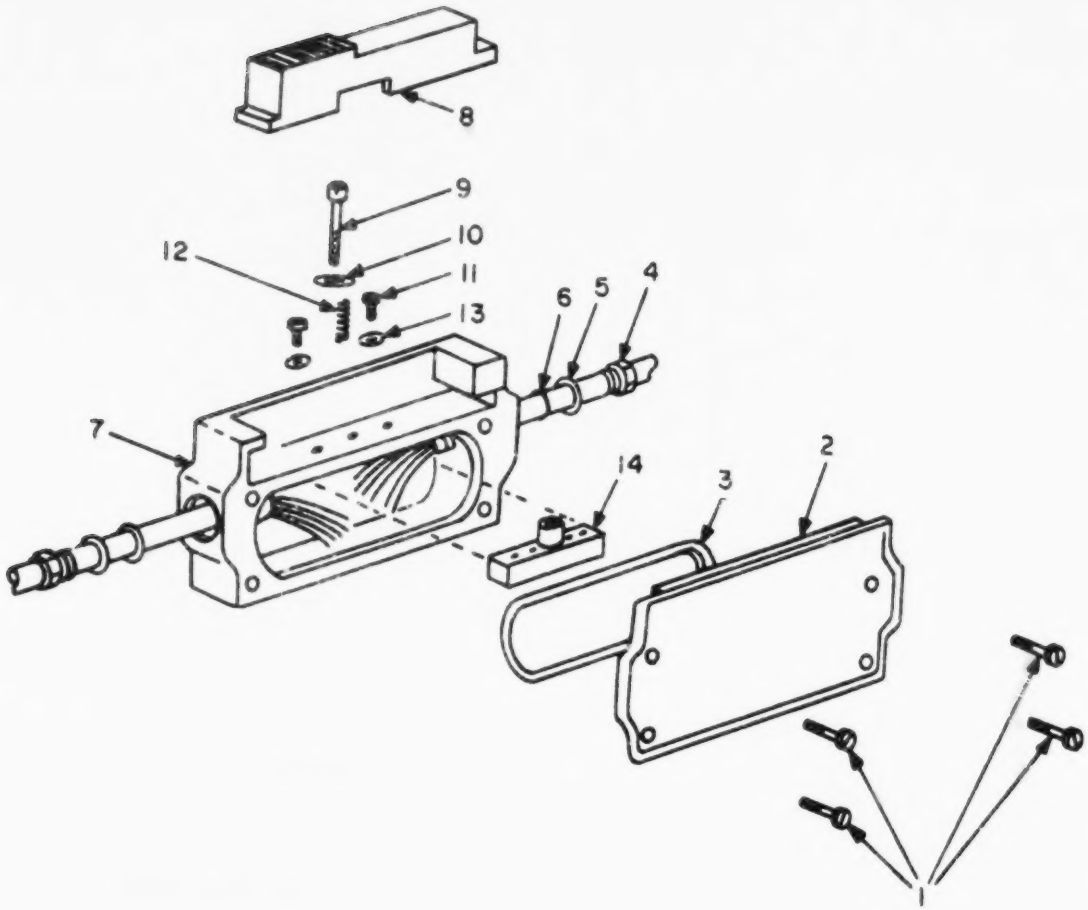


Figure 2-3. Switch, exploded view.

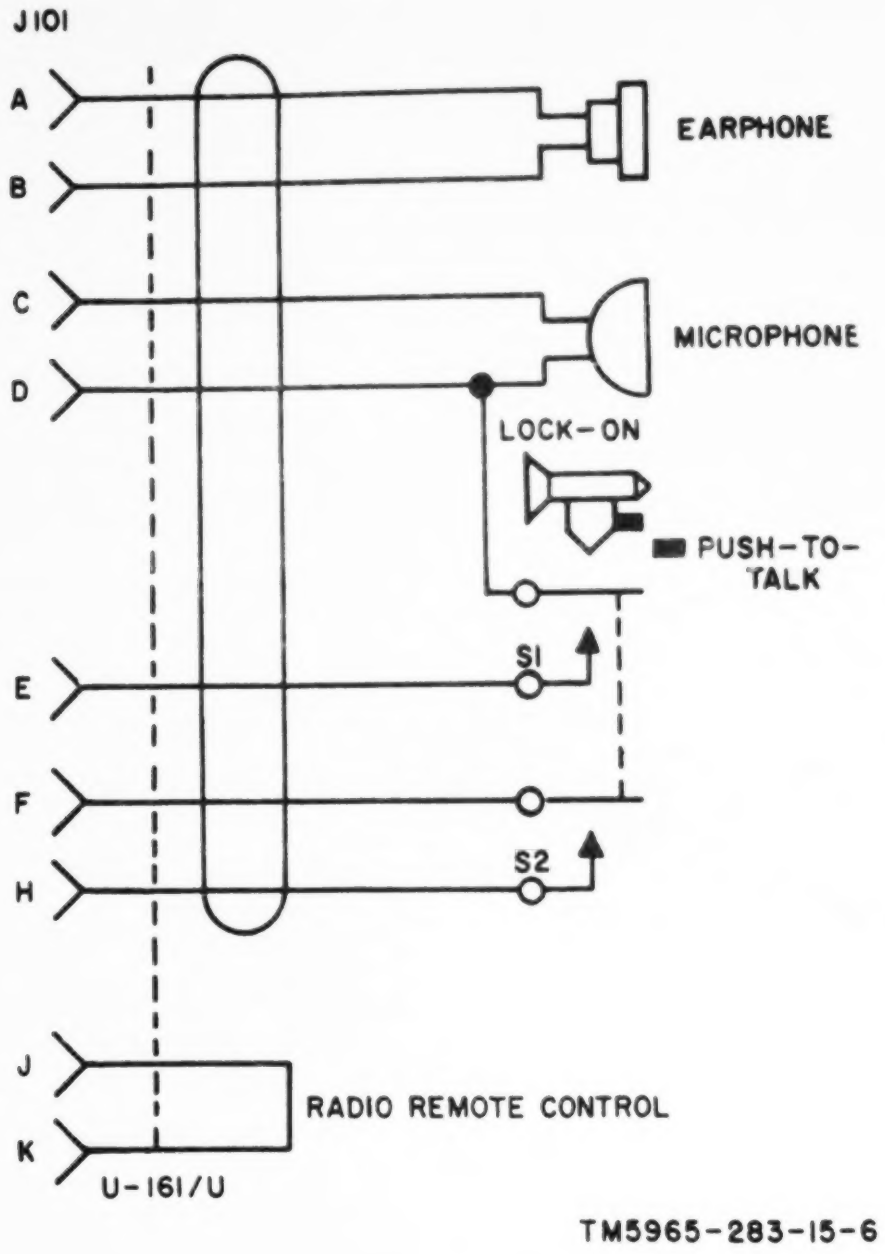


Figure 2-4. Headset-Microphone H-182/PT, schematic diagram.

2-10. General Support Maintenance

Restore the appearance, performance, and life expectancy of Headset-Microphone H-182/PT to a standard comparable to that of new equipment by performing the following procedures:

a. Disassemble all units or assemblies of the equipment.

b. Inspect all component parts.

c. Repair or replace any worn or unserviceable part.

Note. Replacement parts normally will be obtained from salvageable units.

d. Reassemble the equipment.

e. Test the equipment to insure that it performs satisfactorily.

2-11. Depot Maintenance Procedures

Complete rebuild of Headset-Microphone H-182/PT and/or its individual components may be accomplished by depot maintenance facilities when authorized. Rebuild procedures of the H-182/PT will include all repairs, rebuild, replacement, and testing operations necessary to make the equipment suitable for return to Department of the Army supply system stocks for reissue to using organizations as equipment equivalent to new material. Detailed procedures for accomplishing the repair or adjustments established in the preceding portions of this manual and such additional repair and rebuild operations as deemed necessary, will be established by the maintenance facility performing the work.

APPENDIX A
REFERENCES

The following is a list of publications available to maintenance personnel of Headset-Microphone H-182/PT:

DA Pam 310-4	Index of Technical Manuals, Technical Bulletins, Supply Manuals (Types 7, 8, and 9), Supply Bulletins, and Lubrication Orders.
DA Pam 310-7	U.S. Index of Modification Work Orders.
TM 11-2062	Test Sets I-142, I-142-B and Telephone Test Set AN/PTM-6.
TM 11-6625-366-15	Organizational, DS, GS, and Depot Maintenance Manual: Multimeter TS-352B/U.
TM 38-750	Army Equipment Record Procedures.

APPENDIX B
BASIC ISSUE ITEMS

Section I. INTRODUCTION

B-1. Scope

This appendix lists items comprising an operable equipment and those required for installation, operation, or operator's maintenance for Headset-Microphone H-182/PT.

B-2. Explanation of Columns

The following is a list of explanations of columns in section II.

a. Source, Maintenance, and Recoverability Codes (SMR) Column.

(1) *Source code (s).* Not used.

(2) *Maintenance code (m).* The lowest category of maintenance authorized to install the item is indicated by the second code in the column. The maintenance category code and its explanation is—

Code	*Explanation*
C	Operator/crew

(3) *Recoverability code (R).* The recoverability code is the third code in the column. It indicates whether unserviceable items should be returned for recovery or salvage. Recoverability code and its explanation is as follows:

Code	*Explanation*
R	Applies to repair parts and assemblies that are economically repairable at DSU and GSU activities and are normally furnished by supply on an exchange basis.

Note. When no code is indicated in the recoverability column, the part will be considered expendable.

b. Federal Stock Number Column. This column indicates the Federal stock number for the item.

c. Description Column. This column includes the Federal item name and any additional description of the item which may be required. A part number or other reference number is followed by the applicable five-digit Federal Supply Code for Manufacturers. Usable on code column is not used.

d. Unit of Issue Column. The unit used as a basis of issue (e.g., ea, pr, ft, yd, etc.) is given in this column.

e. Quantity Incorporated in Unit Pack Column. Not used.

f. Quantity Incorporated in Unit Column. The total quantity of the item used in the equipment is given in this column.

g. Quantity Furnished with Equipment Column. This column lists the quantity of the item supplied for initial operation of the equipment and/or the quantities authorized to be kept on hand by the operator for maintenance of the equipment.

h. Quantity Authorized Column. Not used.

i. Illustrations Column.

(1) *Figure number (a).* The number of the illustration on which the item is shown is indicated in this column.

(2) *Item No. or reference designation (c).* Not used.

B-3. Federal Supply Codes

This paragraph lists the Federal supply codes with the associated manufacturer's name.

Code	*Manufacturer*
18068	Astrocom Electronics, Inc.

SECTION II. BASIC ISSUE ITEMS

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION Reference Number & Mfr Code — USABLE ON CODE	(4) UNIT OF ISSUE	(5) QTY INC IN UNIT PACK	(6) QTY INC IN UNIT	(7) QTY FURN WITH EQUIP	(8) QTY AUTH	(9) ILLUSTRATIONS (a) FIG. NO.	(9) ILLUSTRATIONS (b) ITEM NO. OR REFERENCE DESIGNATION
--C--	5965-069-8885	HEADSET-MICROPHONE H-182/PT: 21954; 18068	ea					1	
--C		TECHNICAL MANUAL: TM 11-5965-283-15 Requisition through pinpoint account number if assigned; otherwise through nearest Adjutant General facility. NOTE: A quantity of one technical manual is packed with each equipment. Where a valid need exists, additional copies may be requisitioned and kept on hand. NO PART AUTHORIZED OPERATOR/CREW NO ACCESSORIES, TOOLS, OR TEST EQUIPMENT ARE TO BE ISSUED WITH THIS EQUIPMENT NO BASIC ISSUE ITEMS ARE MOUNTED IN OR ON THE EQUIPMENT							

APPENDIX C
MAINTENANCE ALLOCATION

Section I. INTRODUCTION

C-1. General

This appendix provides a summary of the maintenance operations covered in the equipment literature for Headset-Microphone H-182/PT. It authorizes categories of maintenance for specific maintenance functions on repairable items and components and the tools and equipment required to perform each function. This appendix may be used as an aid in planning maintenance operations.

C-2. Explanation of Format for Maintenance Allocation Chart

a. Group Number. Not used.

b. Component Assembly Nomenclature. This column lists the item names of component units, assemblies, subassemblies, and modules on which maintenance is authorized.

c. Maintenance Function. This column indicates the maintenance category at which performance of the specific maintenance function is authorized. Authorization to perform a function at any category also includes authorization or perform that function at higher categories. The codes used represent the various maintenance categories as follows:

Code	*Maintenance category*
C	Operator/crew
O	Organizational maintenance
F	Direct support maintenance
H	General support maintenance
D	Depot maintenance

d. Tools and Equipment. The numbers appearing in this column refer to specific tools and equipment which are identified by these numbers in section III.

e. Remarks. Self-explanatory.

C-3. Explanation of Format for Tool and Test Equipment Requirements

The columns in the tool and test equipment requirements chart are as follows:

a. Tools and Equipment. The numbers in this column coincide with the numbers used in the tools and equipment column of the MAC. The numbers indicate the applicable tool for the maintenance function.

b. Maintenance Category. The codes in this column indicate the maintenance category normally allocated the facility.

c. Nomenclature. This column lists tools, test, and maintenance equipment required to perform the maintenance functions.

d. Federal Stock Number. This column lists the Federal stock number.

e. Tool Number. Not used.

SECTION II. MAINTENANCE ALLOCATION CHART

MAINTENANCE ALLOCATION CHART

GROUP NUMBER	COMPONENT ASSEMBLY NOMENCLATURE	MAINTENANCE FUNCTIONS											TOOLS AND EQUIPMENT	REMARKS
		INSPECT	TEST	SERVICE	ADJUST	ALIGN	CALIBRATE	INSTALL	REPLACE	REPAIR	OVERHAUL	REBUILD		
	HEADSET-MICROPHONE H-182/PT	C		C										
		[illegible]		D										
									O					
		F	F	F									1,2,3	
													1,2,3	
									F				1,2,3	
										F			1,2,3	
											F		1,2,3	
											H		1,2,3	
												H	1,2,3	
											D		1,2,3	
												D	1,2,3	

TOOL AND TEST EQUIPMENT REQUIREMENTS

TOOLS AND EQUIPMENT	MAINTENANCE CATEGORY	NOMENCLATURE	FEDERAL STOCK NUMBER	TOOL NUMBER
		H-182/PT (continued)		
1	F,H,D	MULTIMETER TS-352( )/U	6625-242-5023	
2	H,D	TEST SET, TELEPHONE AN/PTM-6	6625-229-1048	
3	F,H,D	TOOL KIT TK-87/U	5180-690-4552	

By Order of the Secretary of the Army:

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Official:

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TSG (1)
CofSptS (1)
USAARENBD (2)
USARADBD (5)
USACDC Agcy (1)
USAMC (5)
USCONARC (5)
ARADCOM (5)
ARADCOM Rgn (2)
OS Maj Comd (4) except
  USARYIS (5)
LOGCOMD (2)
USAMICOM (4)
USASTRATCOM (4)
USAESC (50)
MDW (1)
Armies (2)
Corps (2)
USAC (3)
Sve Colleges (2)
USASCS (20)
USAADS (2)
USAAMS (5)
USAARMS (2)
USAIS (2)
USAES (2)
USA Sch of Americas (5)
USATC Armor (2)
USATC Inf (2)
USASTC (2)
WRAMC (1)
Army Pic Cen (2)
USACDCEC (10)
Instl (2) except
  Fort Gordon (10)
  Fort Huachuca (10)
  WSMR (5)
  Fort Carson (21)
  Fort Knox (12)
Army Dep (2) except
  LBAD (14)
SAAD (30)
TOAD (14)
LEAD (7)
SHAD (3)
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ATAD (10)
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11-8	77-100
11-57	
11-97	
11-98	
11-117	
11-155	
11-157	
11-158	
11-302	
11-500 (AA-AC) (TC)	
11-587	
11-592	
11-597	
17	
17-51	

NG: Stage AG (3); Units—Same as active Army except allowance is one (1) copy to each unit.
USAR: None.
For explanation of abbreviations used, see AR 320-50.

CHANGE
NO. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., *23 July 1969*

Operator, Organizational, DS, GS, and

Depot Maintenance Manual

Including Repair Parts and Special Tools Lists

HEADSET-MICROPHONE H-182/PT

TM 11-5965-283-15, 4 March 1968, is changed as follows:

The title of the manual is changed as shown above.

Page 2, paragraph 1-1*a*. After the last sentence, add:

Appendix D contains the lists of repair parts for organizational, direct support, general support, and depot maintenance.

Page 13, appendix B. Delete paragraph B-3.

Page 17. Add appendix D after appendix C.

APPENDIX D

ORGANIZATIONAL, DS, GS, AND DEPOT REPAIR PARTS

Section I. INTRODUCTION

D-1. Scope

This appendix contains a list of repair parts required for the performance of organizational maintenance and a list covering the corresponding requirements for direct support, general support, and depot maintenance for Headset-Microphone H-182/PT.

NOTE

No special tools, test, and support equipment are required.

D-2. General

The repair parts list is divided into the following sections:

a. Prescribed Load Allowance (PLA), Section II. The PLA is a consolidated listing of repair parts allocated for initial stockage at the organizational maintenance category. This is a mandatory minimum stockage allowance.

b. Repair Parts for Organizational Maintenance, Section III. Repair parts authorized for organizational maintenance are included in this section.

c. Repair Parts for Direct Support, General Support, and Depot Maintenance, Section IV. Repair parts authorized for direct support, general support, and depot maintenance are included in this section.

Note:

All indexes noted below are cross referenced to index numbers. The index numbers appear in ascending sequence in column 1 of the repair parts list (para D-3*a*). The index number for the particular item will be the same for the item in all sections of this appendix.

d. Federal Stock Number Cross Reference to Index Number, Section V. This is a cross reference index of Federal stock numbers and manufacturer's part numbers to index numbers.

e. Figure and Item Number Cross Reference to Index Number, Section VI. This is a cross reference index of figure number and item number to index number. The figure numbers are listed in numerical sequence; item numbers are listed for each figure.

f. Reference Designation Cross Reference to Index Number, Section VII. This is a cross reference index of reference designations to index numbers.

D-3. Explanation of Columns

An explanation of the columns is given below.

a. Source, Maintenance, and Recoverability Codes (SMR) and Index Numbers Column. The first line in this column lists the applicable SMR codes for the part. Listed in ascending order directly below the SMR codes is the index number assigned to the repair part.

(1) *Source code (S).* The selection status and source for the listed item is noted here. Source codes and their explanations are as follows:

Code	*Explanation*
P —	Applies to repair parts that are stocked in or supplied from GSA DSA, or Army supply system, and authorized for use at indicated maintenance categories.
X1—	Applies to repair parts that are not procured or stocked, the requirement for which will be supplied by use of next higher assembly or component.
X2—	Applies to repair parts that are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain them through cannibalization; if not obtainable through cannibalization, such repair parts will be requisitioned with supporting justification through normal supply channels.
G—	Applies to major assemblies that are procured with FEMA funds for initial issue only to be used as exchange assemblies at DSU and GSU categories. These assemblies will not be stocked above DSU and GSU category or returned to depot supply category.

(2) *Maintenance code (M).* The lowest category of maintenance authorized to install the listed item is noted here.

Code	*Explanation*
O	Organizational Maintenance
F	Direct Support Maintenance
H	General Support Maintenance

(3) *Recoverability code (R).* The information in this column indicates whether unserviceable items should be returned for recovery or salvage. Recoverability code and its explanation is as follows:

Note.

When no code is indicated in the recoverability column, the part will be considered expendable.

Code	*Explanation*
R —	Applies to repair parts and assemblies which are economically repairable at DSU and GSU activities and normally are furnished by supply on an exchange basis.

b. Federal Stock Number Column. The Federal stock number for the item is listed in this column.

c. Description Column. This column includes the Federal item name and any additional description of the item required, the manufacturer's part number (reference number), and the applicable five-digit Federal Supply Code for Manufacturers (para D-5). For subsequent appearances of the

same item, the manufacturer's code and part number (reference number) are omitted. The words "same as" followed by the index number assigned to the item when it first appeared in the list will follow the item name, e.g., "RESISTOR, FIXED, COMPOSITION: SAME AS A298." Usable on code column is not used.

d. Unit of Measure Column. The unit used as a basis of measure (e.g., ea, pr, ft, yd, etc.) is indicated in this column.

e. Quantity Incorporated in Unit Column. The quantity of repair parts in an assembly is given in this column.

f. Maintenance Allowances Column.

(1) The maintenance allowance columns are divided into subcolumns. Indicated in each subcolumn opposite the first appearance of the item is the total quantity of items authorized for the number of equipments supported. Subsequent appearances of the same item will have no entry in the allowance columns, but will have a reference in the description column to the first appearance of the item. Items authorized for use as required, but not for initial stockage, are identified with an asterisk (*) in the allowance column.

(2) The quantitative allowances for organizational category of maintenance represents one initial prescribed load for a 15-day period for the number of equipments supported. Units and organizations authorized additional prescribed loads will multiply the number of prescribed loads authorized by the quantity of repair parts reflected in the appropriate density column to obtain the total quantity of repair parts authorized.

(3) Subsequent changes to organizational allowances will be limited as follows: No change in the range of items is authorized. If additional items are considered necessary, recommendations should be forwarded to Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-ME-NMP-CM, Fort Monmouth, N.J. 07703, for exception or revision to the allowance list. Revisions to the range of items authorized will be made by the USA ECOM National Maintenance Point based upon engineering experience, demand data, or TAERS information.

(4) The quantitative allowances for DS/GS categories of maintenance will represent initial stockage for a 30-day period for the number of equipments supported.

g. One-Year Allowances Per 100 Equipments/Contingency Planning Purposes. Opposite the first appearance of each item, the total quantity required for distribution and contingency planning purposes is indicated. The range of items indicates total quantities of all authorized items required to provide for adequate support of 100 equipments for one year.

h. Depot Maintenance Allowance Per 100 Equipments Column. This column indicates the total quantity of each item authorized depot maintenance for 100 equipments. Subsequent appearance of the same item will have no entry in this column, but will have a reference in the description column to the first appearance of the item.

i. Illustration Column.

(1) *Figure number (a).* The number of the illustration in which the item is shown is indicated in this column.

(2) *Item No. or reference designation (b).* This column lists the reference designation that is used to identify the item.

D-4. Location of Repair Parts

a. This appendix contains three cross-reference indexes (secs. V, VI, and VII), to be used to locate a repair part when either the Federal stock number, reference number (manufacturer's part number), figure number, or reference designation is known. The first column in each cross-reference index is prepared, as applicable, in numerical or alphanumerical sequence. The last column of each cross-reference index lists the index number assigned to the part.

b. Refer to the appropriate cross-reference index (paras D-2*d, e, f*), and note the index number in the last column; then refer to the repair parts list to locate the index number which is listed in ascending order in column 1 of the repair parts list.

D-5. Federal Supply Codes

This paragraph lists the Federal supply code and the associated manufacturer's name.

Code	*Manufacturer*
02697	Parker Seal Co.
18068	Astrocom Electronics, Inc.
80058	Joint Electronic Type Designation System
80063	Army Electronics Command
81349	Military Specifications
81350	Joint Army-Navy Specifications
96906	Military Standards

SECTION II PRESCRIBED LOAD ALLOWANCE H-192/TT

(1) FEDERAL STOCK NUMBER	(2) DESCRIPTION / USABLE ON CODE	(3) 15-DAY ORG. MAINT. ALLOWANCE (a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100
5965-010-6529	COVER, HEADBAND: 21922; 18068	*	*	2	2
5965-058-1246	CUSHION: 21681, 18068	*	*	*	2
5965-058-1286	PAD, HEADBAND: 21929, 18068	*	*	2	2
5965-296-9456	MICROPHONE ELEMENT: SM-B-145957; 80063	*	*	2	2
5965-549-0220	RECEIVER ELEMENT: TA-235/PT, 80058	*	*	2	2
5330-781-9985	PACKING PREFORMED: 2-121-5700-5, 02697	*	*	2	2

SECTION III REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE

(1) SMR CODE INDEX NO.	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION Reference Number & Mfr Code USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE A/C (a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(7) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
G-O-R A001	5965-069-8885	HEADSET, MICROPHONE H-182/PT 21934, 18068 (This item is nonexpendable)	ea						1-1	
P-O-- A008	5965-010-6529	COVER, HEADBAND 21922, 18068	ea	1	0	0	2	4	1-1	
P-O-- A024	5965-058-1286	PAD, HEADBAND 21929, 18068	ea	1	0	0	2	2	1-1	3
P-O-- A030	5965-549-0220	RECEIVER ELEMENT TA-23S/PT, 80058	ea	1	0	0	2	2	1-1	4
P-O-- A031	5330-782-0084	PACKING, PREFORMED 2-133-5700-5, 02697	ea	1	0	0	0	4	1-1	5
P-O-- A034	5965-058-1246	CUSHION 21881, 18068	ea	1	0	0	0	2	1-1	6
P-O-- A042	5330-252-6048	PACKING PREFORMED MS29513-6, 96906	ea	2	0	0	0	4	1-1	
P-O-- A046	5965-295-9456	MICROPHONE ELEMENT SM-B-145957, 80063	ea	1	0	0	2	2	1-1	2
P-O-- A047	5330-781-9985	PACKING PREFORMED 2-121-5700-5, 02697	ea	2	0	0	2	2	1-1	1
P-O-- A048	5965-058-1245	COVER, MICROPHONE 21906, 18068	ea	1	0	0	0	4	1-1	7
P-O-- A053	5330-252-6048	PACKING PREFORMED SAME AS A042	ea	2						

H-182/PT

(1) SMR CODE INDEX NO	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP (MTGY)	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS (a) FIG NO	(b) ITEM NO OR REFERENCE DESIGNATOR
G-O-P A001	5965-069-8085	HEADSET-MICROPHONE H-182/PT 21954, 18068 (This item is nonexpendable)	ea										1-1	
P-F-- A002	5965-058-1208	HEADBAND ASSEMBLY SM-C-410274, 90063	ea	1	*	2	2	*	2	2	19	10	1-1	
X1-F- A003		HEADBAND SUBASSEMBLY 21663, 18068	ea	1									1-1	
X1-F- A004		HEADBAND 21664, 18068	ea	1									1-1	
X1-F- A005		SPRING, HEADBAND 21666, 18068	ea	2									1-1	
X1-F- A006		RIVET, SOLID 21665, 18068	ea	4									1-1	
X1-F- A007		SPRING, TENSION 21651, 18068	ea	2									1-1	
P-O-- A008	5965-010-8529	COVER, HEADBAND 21922, 18068	ea	1	*	2	2	*	2	2	19	10	1-1	
X1-F- A009		HEADPAD, BRACKET ASSEMBLY 21972, 18068	ea	1									1-1	
X1-F- A010		BRACKET 21973, 18068	ea	1									1-1	
X1-F- A011		PLATE 21971, 18068	ea	1									1-1	
X1-F- A012		WASHER, TOKE 21660, 18068	ea	1									1-1	
X1-F- A013		RIVET, SOLID 21932, 18068	ea	1									1-1	
P-O-- A014	5965-058-1256	PAD, HEADBAND 21909, 18068	ea	2	*	2	2	*	2	2	19	10	2-2	12
X1-F- A015		CRADLE, BRACKET ASSEMBLY 21966, 18068	ea	1									2-2	
X1-F- A016		BRACKET 21934, 18068	ea	1									2-2	5
X1-F- A017		CRADLE, EARCUP 21659, 18068	ea	1									2-2	
X1-F- A018		WASHER, FLAT AN960C2, 81150	ea	1									2-2	
X1-F- A019		RIVET, SOLID SAME AS A013	ea	1									2-2	
X2-F- A020		EARPHONE AND MICROPHONE ASSEMBLY 21953, 18068	ea	1										MP16
P-F-- A021	5965-058-1281	GUIDE, BOOM ASSEMBLY 21969, 18068	ea	1	*	2	2	*	2	2	19	10	2-2	14
X1-F- A022		NUT, KNURLED 21912, 18068	ea	1									2-2	
X1-F- A023		PIVOT PIN 21910, 18068	ea	1									2-2	
X1-F- A024		SCREW, BINDING HEAD 21939, 18068	ea	1									2-2	
X1-F- A025		WASHER, FLAT 21913, 18068	ea	1									2-2	
X1-F- A026		WASHER, GUIDE 20703, 18068	ea	2									2-2	
X1-F- A027		SCREW, MACHINE 21960, 18068	ea	1									2-2	
X2-F- A028		EARCUP ASSEMBLY 21973, 18068	ea	1									2-2	6
X2-F- A029		EARCUP 21900, 18068	ea	1									2-2	

SECTION IV REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED)

(1) GROUP CODE (GRIC) NO.	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY PER ASSY	(6) 30-DAY DEPOT MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY DEPOT MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALLOWANCE EQUIP REPAIR	(9) DEPOT MAINT ALLOWANCE PER 100 EQUIP	(10) ILLUSTRATIONS (a) FIG NO	(b) ITEM NO. OR REFERENCE DESIGNATION

SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION — REFERENCE NUMBER & MFR. CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (A) 1-20	(B) 21-50	(C) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (A) 1-20	(B) 21-50	(C) 51-100	(8) 1 YR ALW REPR PARTS (QTY)	(9) DEPOT MAINT ALW PERIOD (QTY)	(10) ILLUSTRATIONS (A) FIG NO	(B) ITEM NO OR REFERENCE DESIGNATION
P-- A--	5---	SHAFT, AUTOMOTIVE AN ARD 2AA 21234, 18068		EA	1	*	2	2	*	2	2	19	10	2-2	13
P-- A1A		BOOM, TYPE A 21237, 18068		EA	1									2-1	
P-- A1A		PLATE, MOUNTING 21238, 18068		EA	2									2-2	
P-- A1A		PLATE, MOUNTING 21239, 18068		EA	1									2-2	
P-- A1A		SCREW, MACHINE 21240, 18068		EA	2									2-2	
P-- A1A		WASHER, FLAT 21241, 18068		EA	2									2-2	
P-- A1A		NUT, SELF-LOCKING 21242, 18068		EA	2									2-2	
P-- A1A		SWIVEL 21243, 18068		EA	1									2-2	
P-- A1	1---55---5014	STRAP, RETAINING 21244, 18068		EA	1	*	2	2	*	2	2	19	10		XP**
P-- A1A1	1---55---6955	PACKING PREFORMED SAME AS A1A1		EA	1										26
P-- A1A2		CABLE ASSEMBLY, SPECIAL PURPOSE 21245, 18068		EA	1									3-1	
P-- A1A3	5935-556-5181	CLIP, RETAINING 21246, 18068		EA	1	*	2	2	*	2	2	19	10	3-1	
P-- A1A4	5935-556-5206	CLAMP, CABLE 21247, 18068		EA	1	*	2	2	*	2	2	19	10		
P-- A1A5	5935-556-5214	CABLE ASSEMBLY, SPECIAL PURPOSE ELECTRICAL 21248, 18068		EA	1	*	2	2	*	2	2	19	10		
P-- A1A6	5935-556-5224	PACKING PREFORMED 21249-5750-1, 07960		EA	2	*	2	2	*	2	2	16	6		
P-- A1B1	5---	WASHER, FLAT 21251, 18068		EA	2	2	2	3	2	2	2	33	20		K31
P-- A1B2	5305-556-5274	SCREW, SLOTTED 21252, 18068		EA	2	*	2	2	*	2	2	19	10		XP46
P-- A1C1	5975-556-3546	BUSHING, STRAIN RELIEF CABLE 21253, 18068		EA	2	*	2	2	*	2	2	19	20		K32
P-- A1C1		TERMINAL, LUG 21254, 18068		EA	3										XP47, XP48, XP49
P-- A1C1A		O-RING, CLAMPING SAME AS A1C1		EA	1										
P-- A1C1	5930-556-5249	SWITCH, PUSH 21255, 18068		EA	1	*	2	2	*	2	2	19	10	2-3	
P-- A1C1		HOUSING, SWITCH 21256, 18068		EA	1									2-3	7
P-- A1C1		COVER, SWITCH 21257, 18068		EA	1									2-3	2
P-- A1C1		PLATE, INSTRUCTION 21258, 18068		EA	1									1-2	
P-- A1C1		ACTUATOR, SWITCH 21259, 18068		EA	1									2-3	8
P-- A1C1		PACKING PREFORMED 21260, 18068		EA	1									2-3	3
P-- A1B2		PART, MOUNTING 21263, 18068		EA	4									2-3	
P-- A1B1	5305-550-0337	SCREW, MACHINE MS35229-5, 96906		EA	4									2-3	1

(1) SMR CODE INDEX NO.	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR. CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100 EQUIP	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
X1-P--A082		SWITCH, PUSH 21979, 18068	ea	1									2-1	14
P-P--A083	5995-665-7390	CORD ASSEMBLY, ELECTRICAL CX2151/U, 80058	ea	1	*	2	2	*	2	2	19	10		
X1-F--A083A		CORD, ELECTRICAL 21957, 18068	ft	9										
P-P--A085	5935-577-8677	CONNECTOR, PLUG U-161/U, 81349	ea	1	*	2	2	*	2	2	19	10	1-1	
P-P--A086	5965-058-1271	SLEEVE SAME AS A072	ea	1										MP58
P-P--A087	5975-099-3646	BUSHING, STRAIN RELIEF, CABLE SAME AS A073	ea	1										H37
P-P--A088	5310-880-9110	WASHER, FLAT SAME AS A071	ea	4										H38
P-P--A089	5330-080-7106	PACKING PREFORMED SAME AS AC70	ea	1										
X1-P--A089A		RING, CLAMPING 21964, 18068	ea	1										MP60
X2-P--A090		BAND, IDENTIFICATION 21977, 18068	ea	1										MP59

SECTION V INDEX-FEDERAL STOCK NUMBER CROSS REFERENCE TO INDEX NUMBER

M-182/PT

FEDERAL STOCK NUMBER	INDEX NO.
4030-880-2580	A055
5305-550-9337	A081
5305-880-9575	A033
5310-880-9110	A071
5330-020-7106	A070
5330-252-6048	A042
5330-781-9985	A047
5330-782-0064	A031
5340-595-1138	A037
5340-880-8019	A065
5930-058-8598	A075
5935-577-8677	A085
5935-630-6602	A051
5965-010-6529	A008
5965-058-1245	A048
5965-058-1246	A034
5965-058-1271	A072
5965-058-1277	A068
5965-058-1283	A021
5965-058-1286	A014
5965-058-1288	A002
5965-069-8885	A001
5965-296-9456	A046
5965-549-0220	A030
5965-549-0260	A064
5975-059-3646	A073
5995-059-5178	A069
5995-059-5179	A049
5995-665-7390	A083
6145-539-8058	A050

REF NUMBER	INDEX NUMBER
AN960C2	A018
MS35229-1	A043
MS35229-4	A040
SM-B-544233	A029A

REF NUMBER	INDEX NO.
10240	A045
20703	A026
20822	A054
21657	A007
21659	A017
21660	A012
21663	A003
21664	A004
21665	A006
21666	A005
21671	A074
21682	A035
21900	A029
21901	A032
21902	A039
21907	A057
21909	A061
21910	A023
21912	A022
21913	A025
21915	A036
21916	A038
21917	A052
21919	A075
21920	A076
21921	A078
21923	A080
21926	A041
21930	A011
21932	A013
21933	A010
21934	A016
21937	A055A
21939	A077
21947	A054

REF NUMBER	INDEX NO.
21950	A079
21951	A067
21953	A020
21957	A084
21958	A058
21959	A024
21960	A027
21961	A060
21962	A059
21964	A089A
21968	A015
21972	A009
21973	A028
21974	A044
21977	A090
21979	A082
21988	A056

SECTION VI INDEX-FIGURE AND ITEM NUMBER CROSS REFERENCE TO INDEX NUMBER N-182/PT

FIG. NO.	ITEM NO. OR REFERENCE DESIGNATION	INDEX NO.
2-1	1	A047
	2	A046
	3	A048
	4	A045
2-2	1	A034
	2	A033
	3	A032
	4	A030
	5	A016
	6	A028
	7	A040
	8	A039
	10	A043
	12	A014
	13	A055
	14	A021
	16	A031
	17	A029A
	18	A036
2-3	1	A081
	2	A076
	3	A079
	7	A075
	8	A078
	14	A082

SECTION VIII INDEX-REFERENCE DESIGNATION CROSS REFERENCE
TO INDEX NUMBER h-182/PT

REFERENCE DESIGNATION	INDEX NO.
H31	A072
H32	A073
H37	A087
H38	A088
MP16	A020
MP32	A052
MP33	A053
MP34	A054
MP44	A065
MP46	A072
MP47	A074
MP48	A074
MP49	A074
MP58	A086
MP59	A090
MP60	A089A
MP61	A054
06	A066
011	A045
1	A034 A047 A082
2	A033 A046 A076
3	A032 A048 A079
4	A030 A045
5	A026
6	A028
7	A060 A075
8	A039 A078
10	A043
12	A014
13	A055
14	A021 A082
16	A031
17	A029A
18	A035

REFERENCE DESIGNATION	INDEX NO.

By Order of the Secretary of the Army:

W. C. WESTMORELAND
General, United States Army,
Chief of Staff.

Official:

KENNETH G. WICKHAM,
Major General, United States Army,
The Adjutant General.

DISTRIBUTION:

Active Army:

USASA (2)
CNGB (1)
ACSC-E (2)
Dir of Trans (1)
CofEngrs (1)
TSG (1)
CofSptS (1)
USAARENBD (2)
USAARTYBD (5)
USARADBD (5)
USACDC Agcy (1)
USAMC (5)
USCONARC (5)
ARADCOM (5)
ARADCOM Rgn (2)
OS Maj Comd (4) except
  USARYIS (5)
LOGCOMD (2) except
  First (10)
  Ninth (10)
USAMICOM (4)
USATECOM (2)
USASTRATCOM (4)
USAESC (50)
MDW (1)
Armies (2)
Corps (2)
1st Cav Div (5)
Svc Colleges (2)
USASCS (2)
USASESS (2)
USAADS (2)
USA FA Sch (5)
USAARMS (2)
USAIS (2)
USAES (2)
USAINTS (3)
USA Sch of Americas (5)
USATC Armor (2)
USATC Inf (2)
USASTC (2)
WRAMC (1)
Army Pic Cen (2)
USACDCEC (10)
Instl (2) except
  Fort Gordon (10)
  Fort Huachuca (10)
  Fort Carson (25)
  Fort Knox (12)
  WSMR (5)
Army Dep (2) except
  LBAD (14)
  SAAD (30)
  TOAD (14)
  LEAD (7)
  SHAD (3)
  NAAD (5)
  SVAD (5)
  CHAD (3)
  ATAD (10)
Gen Deps (2)
Sig Sec Gen Deps (5)
Sig Dep (12)
Sig FLDMS (2)
TOPOCOM (1)
USAERDAA (2)
USAERDAW (13)
USACRREL (2)
MAAG (2)
USARMIS (2)
USARMA (2)
USMACV (50)
1st AD GM Bde (5)
AAF (CONUS) (2)
AAF (USARPAC) (2)

Units org under fol TOE:
(2 copies each)

3-267	6-115
5-35	6-116
5-36	6-117
6-37	6-155
6-100	6-156
6-101	6-157

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7-37
7-45
7-55
7-58
7-100
9-500 (KA, KC)
9-510
11-5
11-8
11-57
11-97
11-98
11-117
11-127
11-155
11-157
11-158
11-500 (AA-AC)
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11-592
11-597
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17-52
17-55
17-100
19-35
19-36
19-47
19-55
19-56
29-7
30-27
30-29
30-600
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37-100
39-51
44-2
44-8
44-12
44-58
44-85
44-86
44-87
44-235
44-236
44-535
44-536
55-6
57
57-100
67
77-100

NG State AG (3); Units same as active Army except allowance is one (1) copy per unit.

USAR None.

For explanation of abbreviations used, see AR 320-50.

TM 11–5965–283–15
C 2

CHANGE
No. 2

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., *11 December 1973*

Operator, Organizational, Direct Support, General Support and Depot Maintenance Manual Including Repair Parts and Special Tools List HEADSET-MICROPHONE H–182/PT

TM 11–5965–283–15, 4 March 1968, is changed as follows:

Page 2. Paragraph 1–1*b* is superseded as follows:

b. Appendix C is current as of 17 January 1968.

Paragraph 1–3 is superseded as follows:

1–3. Forms and Records

a. Reports of Maintenance and Unsatisfactory Equipment. Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38–750.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (Report of Packaging and Handling Deficiencies) as prescribed in AR 700–58 (Army)/NAVSUP PUB 378 (Navy)/AFR 71–4 (Air Force)/and MCO P4030.29 (Marine Corps).

c. Discrepancy in Shipment Report (DISREP) (SF 361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55–38 (Army)/NAVSUP PUB 459 (Navy)/AFM 75–34 (Air Force) and MCO P4610.19 (Marine Corps).

Paragraph 1–3.1 is added as follows:

1–3.1. Reporting of Equipment Publication Improvements

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL–MA–C, Fort Monmouth, NJ 07703.

Paragraph 1–4.1 is added as follows:

1–4.1. Items Comprising an Operable Headset-Microphone H–182/PT

The Headset-Microphone H–182/PT (FSN 5965–069–8885) comprises the operable end item.

Page 13. Appendix B is deleted in its entirety.

By Order of the Secretary of the Army:

CREIGHTON W. ABRAMS
General, United States Army
Chief of Staff

Official:

VERNE L. BOWERS
Major General, United States Army
The Adjutant General

Distribution:

Active Army:

USASA (2)
CNGB (1)
ACSC-E (2)
Dir Of Trans (1)
COE (1)
TSG (1)
USAARENBD (1)
USAMB (10)
AMC (1)
TRADOC (2)
ARADCOM (2)
ARADCOM Rgn (2)
OS Maj Comd (4)
LOGCOMDS (3)
MICOM (2)
TECOM (2)
USACC (4)
MDW (1)
Armies (2)
Corps (2)
HISA (ECOM) (18)
Svc Colleges (1)
USASESS (5)
USAADS (2)
USAFAS (2)
USAARMS (2)
USAIS (2)
USAES (2)
USAINTS (3)
WRAMC (1)
USACDCEC (10)
ATS (1)
Instl (2) except:
Ft Gordon (10)
Ft Huachuca (10)
WSMR (1)
Ft Carson (5)
Ft Richardson (ECOM Ofc) (2)
Army Dep (2) except:
LBAD (14)
SAAD (30)
TOAD (14)
ATAD (10)
GENDEPS (2)
Sig Sec GENDEPS (2)
Sig Dep (2)
SigFLDMS (1)
USAERDAA (1)
USAERDAW (1)
MAAG (1)
USARMIS (1)
AAF (1)
Units org under fol TOE (1 cy each):

3-267	6-437	11-117
5-35	6-445	11-127
5-36	6-447	11-158
6-37	6-455	11-302
6-100	6-456	11-500(AA-AC)
6-115	6-457	17
6-116	6-467	17-51
6-117	6-525	17-52
6-155	6-526	17-55
6-156	6-527	17-100
6-157	6-555	19-35
6-165	6-556	19-36
6-166	6-575	19-47
6-167	6-576	29-134
6-175	6-577	29-136
6-185	6-615	30-27
6-186	6-616	30-29
6-200	6-617	30-600
6-201	6-619	37
6-216	6-700	37-100
6-217	6-701	39-51
6-300	6-705	44-2
6-347	6-706	44-8
6-355	6-707	44-12
6-365	7	44-58
6-401	7-15	44-85
6-405	7-18	44-86
6-406	7-35	44-87
6-407	7-36	44-235
6-409	7-37	44-236
6-425	7-45	44-535
6-426	7-55	44-536
6-427	7-58	55-6
6-429	7-100	57
6-435	11-97	57-100
6-436	11-98	67
		77-100

NG: State AG (3); Units—Same as Active Army
USAR: None
For explanation of abbreviations used, see AR 310-50.

☆ U. S. GOVERNMENT PRINTING OFFICE: 1989 0 (1741)